

Copy - grounds  
3M

MATERIAL SAFETY 3M  
DATA SHEET 3M CENTER

ST. PAUL, MINNESOTA  
55144-1000

612/733-1110 - Operator 55 Duns No: 00-617-2082

DIVISION: ADHESIVES, COATINGS AND SEALERS  
TRADE NAME: 3M Brand Super 77 Spray Adhesive ★  
3M I.D. NUMBER: 62-4434-4029-2 62-4434-4926-9 62-4434-4935-0  
62-4434-4936-8

ISSUED: NOVEMBER 1, 1985  
SUPERSEDES: SEPTEMBER 1, 1984  
DOCUMENT: 1033125

=====			
1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
=====			
synthetic rubber	N/A		N/D 5
terpene resin	N/A		N/D 5
antioxidant	N/A		N/D 5
TOTAL OF THE ABOVE	N/A	22.0	N/D 5
hexane*	N/A	41.0	500 ppm 1
*contains n-hexane	110-54-3	20.0	50 ppm 1
cyclohexane	110-82-7	14.0	300 ppm 1
propane	74-98-6		1000 ppm 2
isobutane	75-28-5		1000 ppm 2
TOTAL OF THE ABOVE	N/A	23.0	N/D 5

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

N/D - Not Determined  
N/A - Not Applicable

=====

2. PHYSICAL DATA

=====

BOILING POINT:	Compressed gas
VAPOR PRESSURE:	Compressed gas
VAPOR DENSITY (Air=1):	2.97
EVAPORATION RATE (Ether=1):	1.9
APPEARANCE AND ODOR:	Light cream liquid
SOLUBILITY IN WATER:	Nil
SP. GRAVITY (Water=1):	N/A
PERCENT VOLATILE:	78
VISCOSITY:	N/A
pH:	N/A

Copies  
Cust.  
Inventories  
Etc

MSDS: 3M Brand Super 77 Spray Adhesive  
NOVEMBER 1, 1985

=====

3. FIRE AND EXPLOSION HAZARD DATA

=====

FLASH POINT (Closed Cup): -50F  
FLAMMABLE LIMITS - LEL: N/A UEL: Flamm. Gas

EXTINGUISHING MEDIA:

CO2, foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Extremely Flammable. (Treat as flammable pressurized container).  
Overheated, closed container adjacent to fire could explode due to pressure buildup.

=====

4. REACTIVITY DATA

=====

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A CONDITIONS TO AVOID: Do not store at temperatures above 120F.

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2 and smoke particles when subjected to excessive heat or flame.

=====

5. ENVIRONMENTAL INFORMATION

=====

SPILL RESPONSE:

Observe precautions in section 7. If any cans rupture, extinguish all ignition sources and ventilate spill area to dissipate vapors before collecting cans in sturdy container. A U.S. Dept. of Transportation approved container is preferred.

RECOMMENDED DISPOSAL:

Do not puncture or burn cans in household incinerator. Incinerate in permitted hazardous waste facility that can handle aerosol cans safely. Empty cans may be disposed in a sanitary landfill or commercial incinerator in accordance with applicable regulations.  
U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

N/A

=====

6. SUGGESTED FIRST AID

=====

EYE CONTACT:

In case of eye contact, immediately flush eyes with plenty of water for at least 10 minutes. Call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

If inhaled, remove to uncontaminated air. If not breathing give artificial respiration. Call a physician.

IF SWALLOWED:

If swallowed, do not induce vomiting. Call a physician immediately.

=====

7. PRECAUTIONARY INFORMATION

=====

Keep product and its vapors away from heat, sparks and flames. Extinguish and do not ignite any flame in the immediate work area. Do not use in confined areas or areas with little or no air movement unless you employ means to circulate air and prevent vapor buildup. Avoid breathing vapor and overspray (airborne adhesive particles). Prevent eye and skin contact. Keep out of reach of children. Use protective equipment where possible, i.e. safety glasses and gloves. Local exhaust ventilation should be used if large quantities are sprayed in a short period of time.

=====

8. HEALTH HAZARD DATA

=====

EYE CONTACT: Liquid irritating to eyes upon direct contact.

SKIN CONTACT: Prolonged and repeated skin contact may defat skin leading to irritation and dermatitis.

INHALATION: Exposure to vapor concentrations in excess of the prescribed exposure limits (T.W.A.) may cause respiratory system irritation. There are reported instances where exposure to n-hexane vapor concentrations in excess of 800 ppm caused peripheral nerve damage. Symptoms of overexposure may range from mild light headiness through weakness, dizziness, headache, nausea and facial numbness. Gross overexposure such as is caused by intentional inhalation of concentrated vapors in a confined vessel can result in serious damage including asphyxiation and death.

INGESTION: Intentional concentration and swallowing the liquid product may cause severe digestive system irritation, nausea and vomiting. Asphyxiation into the lungs caused by vomiting can cause lung damage.

=====

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

=====